

**HF overload limiter for wire ropes**



Working principle: The deviation of the cable caused by the intervention of the sensor causes a tangential force that is proportional to the force exerted on the traction cable. In the event of an overload, a microswitch integrated in the sensor is pressed and stops the electric wire rope hoist.

**Technical specifications**

- Basic version: for cables from 4 to 35 mm.
- Measuring sensor: integrated microswitch.
- Installation: directly on the fixed part.
- Sensor material: aluminum of aviation quality.
- Surface treatment: colorless anodising.
- Calibration system: by micrometric screw.
- Switching voltage: max 220 VAC.
- Switching current: max 5 Amp.
- Accuracy: 5% of EM.
- Operating temperature: from -30 ° to + 80 ° C.
- Protection class: IP40.
- Maintenance: none.
- Connection: 3-wire electricity cable.
- Electrical output: contact plug.
- Length of cord: 2 meters, option 5 meters.

**Application**

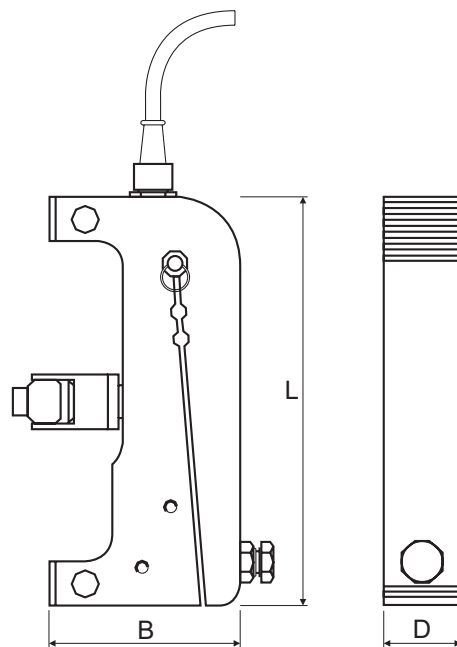
- This overload protection is specifically designed for overhead cranes with multiple parts.

**Option**

- IP65.

**CHECKLIST** for request of the load limiter

- Capacity crane.
- Quantity of falls, minimal 2 fall.
- Diameter cable.
- Option IP65, standard IP40.



Type	WLL (kg)	Cable diameter (mm)	B (mm)	D (mm)	L (mm)	Weight (kg)	ProductId
HF-0A	150 - 1600	4 - 10	59	28	120	0,4	4498000
HF-1A	250 - 3200	5 - 16	70	40	150	0.85	4498001
HF-2A	500 - 7000	17 - 25	98	50	200	2	4498002
HF-3A	1000 - 12000	24 - 35	138	60	280	5	4498003